

Mussel Data Collected by Ohio River Islands NWR  
 Captina Creek and Ohio River (below Captina Creek)  
 Patricia Morrison, Ohio River Islands NWR, November 25, 2013

Fish Creek Island (refuge island) Marshall County, WV– Ohio River mile 112.7 to 113.5

Mussel bed at the head and backchannel of the island, survey data from 8/29/2002

Five species collected alive by bail.

*Lasmigona complanata* – white heelsplitter

*Lasmigona costata* - flutedshell

*Potamilus alatus* – pink heelsplitter

*Obliquaria reflexa* – three-horn wartyback

*Fusconaia flava* – Wabash pigtoe

Captina Creek – at head of slackwater. Wading survey conducted on 5/24/1993, as part of a multi-year embayment study. Four species collected alive by wading and handpicking. We noted the diversity of the aquatic habitats above the 2<sup>nd</sup> bridge, with gravel bars, water willow beds, and emergent wetlands.

*Leptodea fragilis* – fragile papershell

*Lampsilis siliquioda* - fatmucket

*Lampsilis cardium* – plain pocketbook

*Pyganodon grandis* – giant floater

Captina Island and mainland (refuge property) Marshall County, WV. We have another mussel concentration upstream of Captina Creek, along the WV shore from Butter Run to the toe of Captina Island. Four species collected by bail on 8/28/2002.

*Obliquaria reflexa* – three-horn wartyback

*Fusconaia flava* – Wabash pigtoe

*Quadrula quadrula* – mapleleaf

*Lasmigona complanata* – white heelsplitter

There are likely other mussel concentration areas in the mainstem Ohio River below Captina Creek, but the data are spotty and usually site specific surveys for river based industries and activities.